

*Approved for
entry
CV
5/12/04*

Amendments to the Claims:

1 - 24. (canceled)

25. (previously amended) A method for exchanging a used fluid with a fresh fluid in a vehicle having an automatic transmission connected to a fluid cooling circuit, with the used fluid circulated through the circuit under power of an internal pump within the transmission, said used fluid initially being contained within said transmission and said fluid cooling circuit, at least a substantial portion of which is subsequently discharged into a receptacle, said fresh fluid initially being contained in a source container, said method comprising the steps of:

providing a fluid exchange system having a first conduit for communicating fluid from the transmission, a second conduit for communicating fluid to the transmission, and a bypass conduit for selectively communicating fluid between the first conduit to the second conduit; coupling the first and second conduits of the fluid exchange system into an accessed fluid cooling circuit;

establishing a bypass condition by selectively coupling said bypass conduit between the first and second conduits so that used fluid from the fluid cooling circuit is passed through the bypass conduit and into the second conduit whereby used fluid is reintroduced into the accessed fluid cooling circuit;

establishing a fluid exchange condition by selectively uncoupling the bypass conduit between the first and second conduits so that used fluid from the fluid cooling circuit is received into the first conduit and fresh fluid is received into the second conduit and introduced into the accessed fluid cooling circuit; and

measuring a fluid parameter in the bypass conduit during the bypass condition.

26. (canceled)

27. (currently amended) ~~The method of claim 26, further comprising the step of:~~

A method for exchanging a used fluid with a fresh fluid in a vehicle having an automatic transmission connected to a fluid cooling circuit, with the used fluid circulated through the

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